

A33655 064727.0105
PATENTIN THE CLAIMS

The following is a list of all claims that have been pending in the instant application. The present status of each claim is indicated in brackets following the claim number. An instruction line precedes each claim that is amended, cancelled, or added by the instant paper. Added text is marked with double underlining, e.g. added text, and deleted text is marked by a single strikethrough, e.g. ~~deleted text~~.

Please amend claim 1 as follows:

1. [CURRENTLY AMENDED] An isolated *P. aeruginosa* protein
~~wherein said protein has~~ having a molecular weight
of about 60 kDa to about ~~65 kDa~~, 65 kDa and wherein
the N-terminal sequence ~~of said protein comprises~~
~~encompassing the~~ amino acid sequence ~~selected from the~~
~~group consisting of:~~

Xaa Glu Glu Lys Thr Pro Leu Thr Thr Ala Ala Xaa Ala

Pro Val Val Xaa Asn Ala ~~(SEQ ID NO:2)~~, (SEQ ID
NO:2),

~~Glu Glu Lys Xaa Xaa Leu (SEQ ID NO:3)~~,

~~Xaa Glu Glu Lys Thr Pro Leu (SEQ ID NO:4)~~, and

~~Val Val Xaa Asn Ala (SEQ ID NO:5)~~.

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wherein Xaa is an unknown amino acid.

2-3 [CANCELLED]

Please cancel claim 4 without prejudice.

4. [CANCELLED]

5-6 [CANCELLED]

7. [PREVIOUSLY AMENDED] A composition comprising the
protein of claim 1.

Please cancel claim 8 without prejudice.

8. [CANCELLED]

Please amend claim 9 as follows:

9. [CURRENTLY AMENDED] AThe composition of claim 7 ~~ex~~
~~claim 8,~~ further comprising ^{an additional} ~~another~~ a second ~~P.~~
aeruginosa protein or proteins ^{additional} fragment of said second
protein. ^{an antigenic}

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10-17 [CANCELLED]

18. [PREVIOUSLY AMENDED] A kit for use in detecting or diagnosing *P. aeruginosa*, wherein said kit comprises the protein of claim 1.

Please cancel claim 19 without prejudice.

19. [CANCELLED]

20. [CURRENTLY AMENDED] A kit for use in detecting or diagnosing *P. aeruginosa*, wherein said kit comprises the composition of claim ~~7~~ or claim 8, 7.

21. [CURRENTLY AMENDED] The composition of claim ~~7~~ or claim 8, 7. wherein said composition elicits an immune response in a subject when administered to said subject.

22. [PREVIOUSLY AMENDED] The composition of claim 9, wherein said composition elicits an immune response in a subject when administered to said subject.

23. [CANCELLED]

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24. [PREVIOUSLY AMENDED] The composition of claim ~~7~~
~~claim 8, 7,~~ wherein said composition further comprises
a pharmaceutically acceptable carrier.

25. [PREVIOUSLY AMENDED] The composition of claim 9,
wherein said composition further comprises a
pharmaceutically acceptable carrier.

26. [PREVIOUSLY AMENDED] The composition of claim ~~7~~
~~claim 8, 7,~~ wherein said composition further comprises
an adjuvant.

27. [PREVIOUSLY AMENDED] The composition of claim 9,
wherein said composition further comprises an
adjuvant.

28-35 [CANCELLED]

36. [PREVIOUSLY ADDED] A kit for use in detecting or
diagnosing *P. aeruginosa*, wherein said kit comprises
the composition of claim 9.

Please add claim 37 as follows:

37. [NEW] An isolated antigenic fragment of a *P.*
aeruginosa protein

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wherein said fragment comprises an N-terminal amino
acid sequence of:

Xaa Glu Glu Lys Thr Pro Leu Thr Thr Ala Ala Xaa Ala

Pro Val Val Xaa Asn Ala (SEQ ID NO:2), wherein

Xaa is an unknown amino acid, and

wherein said protein has a molecular weight of about
60 kDa to about 65 kDa.